

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14622	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(scal\$4 or enlarg\$6 or reduc\$4 or expand\$4 or shrink\$3)	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L2	2634	L1 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L3	1006	L2 same(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6)	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L4	18	L3 same(auto\$6 near10(scan\$4 or read\$3 or captur\$4 or detect\$4))	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37
L5	18684	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(measur\$6 or calculat\$4 or measur\$6 or compos\$6)	US-PGPUB; USPAT	OR	ON	2006/03/15 09:02
L6	3168	L5 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/15 09:02
L7	81	L6 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/15 09:03
L8	81	L6 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/15 09:03
S1	18684	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(measur\$6 or calculat\$4 or measur\$6 or compos\$6)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:32
S3	3168	S1 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:30
S4	1116	S3 same(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:31
S5	317	S4 same(scal\$4 or enlarg\$6 or reduc\$4 or expand\$4 or shrink\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:26
S6	81	S3 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/15 09:02

## EAST Search History

S7	14622	(scan\$4 or read\$3 or captur\$4 or detect\$4)same(edg\$4 or contour\$4 or boundary\$4)same(width\$3 or distanc\$5 or siz\$4)same(scal\$4 or enlarg\$6 or reduc\$4 or expand\$4 or shrink\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:30
S8	2634	S7 same(resolution\$3 or nois\$6 or distort\$4 or artifact\$4 or error\$3)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:30
S9	1006	S8 same(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6)	US-PGPUB; USPAT	OR	ON	2006/03/14 17:31
S10	98	S9 same(resolution\$3 near10(adjust\$6 or correct\$5 or filter\$3 or enhanc\$6))	US-PGPUB; USPAT	OR	ON	2006/03/14 17:31
S11	18	S9 same(auto\$6 near10(scan\$4 or read\$3 or captur\$4 or detect\$4))	US-PGPUB; USPAT	OR	ON	2006/03/15 08:37

[Search Result - Print Format](#)[< Back](#)

**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

**1. Character detection based on multi-scale measurement**

Hontani, H.; Shimotsuji, S.;  
Document Analysis and Recognition, 1995., Proceedings of the Third International Conference on  
Volume 2, 14-16 Aug. 1995 Page(s):644 - 647 vol.2  
IEEE CNF

**2. Multi-ring color fiducial systems for scalable fiducial tracking augmented reality**

Youngkwan Cho; Neumann, U.;  
Virtual Reality Annual International Symposium, 1998. Proceedings IEEE 1998  
14-18 March 1998 Page(s):212  
IEEE CNF

**3. Virtual endoscopic visualization of the colon by shape-scale signatures**

Nappi, J.; Frimmel, H.; Yoshida, H.;  
Information Technology in Biomedicine, IEEE Transactions on  
Volume 9, Issue 1, March 2005 Page(s):120 - 131  
IEEE JNL

**4. Multi-scale image analysis for detection of characteristic component figure shapes and sizes**

Hontani, H.; Deguchi, K.;  
Pattern Recognition, 1998. Proceedings. Fourteenth International Conference on  
Volume 2, 16-20 Aug. 1998 Page(s):1470 - 1472 vol.2  
IEEE CNF

**5. 3D shape modelling using a multi-scale surface model**

Xinquan Shen; Spann, M.;  
Image Processing, 1997. Proceedings., International Conference on  
Volume 2, 26-29 Oct. 1997 Page(s):478 - 481 vol.2  
IEEE CNF

**6. Reduced-complexity sequence detection approaches for PR-shaped, coded linear modulations**

Rizos, A.D.; Proakis, J.G.;  
Global Telecommunications Conference, 1997. GLOBECOM '97., IEEE  
Volume 1, 3-8 Nov. 1997 Page(s):342 - 346 vol.1  
IEEE CNF

**7. Reduction of noise amplification in SPECT using smaller detector bin size**

DoSik Hwang; Zeng, G.L.;  
Nuclear Science, IEEE Transactions on  
Volume 52, Issue 5, Oct. 2005 Page(s):1417 - 1427  
IEEE JNL

**8. Corrections for the effects of accidental coincidences, Compton scatter, and object size in positron emission mammography (PEM) imaging**

Raylman, R.R.; Majewski, S.; Wojcik, R.; Weisenberger, A.G.; Kross, B.; Popov, V.;  
Nuclear Science, IEEE Transactions on  
Volume 48, Issue 3, June 2001 Page(s):913 - 923  
IEEE JNL

9. **Scale-invariant shape features for recognition of object categories**  
Jurie, F.; Schmid, C.;  
Computer Vision and Pattern Recognition, 2004. CVPR 2004. Proceedings of the 2004 IEEE Computer Society Conference on  
Volume 2, 27 June-2 July 2004 Page(s):II-90 - II-96 Vol.2  
IEEE CNF
10. **Optimal flat-panel detector pixel size for visualization of stents in X-ray fluoroscopy**  
Yuhao Jiang; Srinivas, Y.; Wilson, D.L.;  
[Engineering in Medicine and Biology, 2002. 24th Annual Conference and the Annual Fall Meeting of the Biomedical Engineering Society] EMBS/BMES Conference, 2002. Proceedings of the Second Joint  
Volume 2, 23-26 Oct. 2002 Page(s):1037 - 1038 vol.2  
IEEE CNF
11. **Scale-adaptive landmark detection, classification and size estimation in 3D object-background images**  
de Vries, G.; Verbeek, P.W.;  
Pattern Recognition, 2000. Proceedings. 15th International Conference on  
Volume 3, 3-7 Sept. 2000 Page(s):1014 - 1017 vol.3  
IEEE CNF
12. **A positioning method for hard disk servowriter using an auto focus laser encoder**  
Weidong Zhou; Lilong Cai;  
Advanced Intelligent Mechatronics, 1999. Proceedings. 1999 IEEE/ASME International Conference on  
19-23 Sept. 1999 Page(s):922 - 925  
IEEE CNF
13. **Steerable filters for multirate shape extraction**  
Bharath, A.A.;  
Time-scale and Time-Frequency Analysis and Applications (Ref. No. 2000/019), IEE Seminar on  
29 Feb. 2000 Page(s):17/1 - 17/6  
IEE CNF
14. **An Approach to Minimize Build Errors in Direct Metal Laser Sintering**  
Ning, Y.; Wong, Y.S.; Fuh, J.Y.H.; Loh, H.T.;  
Automation Science and Engineering, IEEE Transactions on [see also Robotics and Automation, IEEE Transaction on]  
Volume 3, Issue 1, Jan. 2006 Page(s):73 - 80  
IEEE JNL
15. **Scale-modelling the read process for a film head**  
Monson, J.; Olson, D.; Valstyn, E.;  
Magnetics, IEEE Transactions on  
Volume 11, Issue 5, Sep 1975 Page(s):1182 - 1184  
IEEE JNL
16. **Precision and accuracy of regional radioactivity quantitation using the maximum likelihood EM reconstruction algorithm**  
Carson, R.E.; Yuchen Yan; Chodkowski, B.; Yap, T.K.; Daube-Witherspoon, M.E.;  
Medical Imaging, IEEE Transactions on  
Volume 13, Issue 3, Sept. 1994 Page(s):526 - 537  
IEEE JNL
17. **A positron emission tomograph designed for 3/4 mm resolution**  
McIntyre, J.A.; Allen, R.D.; Aguiar, J.; Paulson, J.T.;  
Nuclear Science, IEEE Transactions on  
Volume 42, Issue 4, Aug 1995 Page(s):1102 - 1106  
IEEE JNL

18. Compton scatter and X-ray crosstalk and the use of very thin intercrystal septa in high-resolution PET detectors  
Levin, C.S.; Tornai, M.P.; Cherry, S.R.; MacDonald, L.R.; Hoffman, E.J.;  
Nuclear Science, IEEE Transactions on  
Volume 44, Issue 2, April 1997 Page(s):218 - 224  
IEEE JNL
19. Design and performance of a micro-sized biomorphic compound eye with a scanning retina  
Hoshino, K.; Mura, F.; Shimoyama, I.;  
Microelectromechanical Systems, Journal of  
Volume 9, Issue 1, March 2000 Page(s):32 - 37  
IEEE JNL
20. Recording performance and tribological evaluation of FIB defined tape recording heads  
Lakshmikumaran, A.V.; Cates, J.C.; Hungerford, G.A.;  
Magnetics, IEEE Transactions on  
Volume 36, Issue 5, Sept 2000 Page(s):2718 - 2720  
IEEE JNL
21. Side-reading free spin-valve read sensor  
Jian-Gang Zhu;  
Magnetics, IEEE Transactions on  
Volume 39, Issue 1, Jan. 2003 Page(s):576 - 578  
IEEE JNL
22. Reduction of noise amplification in SPECT using smaller detector bin size  
Hwang, D.; Zeng, G.L.;  
Nuclear Science Symposium Conference Record, 2004 IEEE  
Volume 4, 16-22 Oct. 2004 Page(s):2543 - 2547 Vol. 4  
IEEE CNF
23. Modified luminance based MSR for fast and efficient image enhancement  
Li Tao; Asari, V.;  
Applied Imagery Pattern Recognition Workshop, 2003. Proceedings. 32nd  
15-17 Oct. 2003 Page(s):174 - 179  
IEEE CNF
24. Design of a mobile robot system for automatic integrity evaluation of large size reservoirs and pipelines in industrial fields  
Sangdeok Park; Hee Don Jeong; Zhong Soo Lim;  
Intelligent Robots and Systems, 2003. (IROS 2003). Proceedings. 2003 IEEE/RSJ International Conference on  
Volume 3, 27-31 Oct. 2003 Page(s):2618 - 2623 vol.3  
IEEE CNF
25. A novel approach for texture shape recovery  
Jing Wang; Dana, K.J.;  
Computer Vision, 2003. Proceedings. Ninth IEEE International Conference on  
13-16 Oct. 2003 Page(s):1374 - 1380 vol.2  
IEEE CNF